

OBITUARY NOTICES.

WE regret very much to have to record the loss by death of another member of the Society. The Rev. R. Ashington Bullen, who joined it in 1897, died suddenly in his 63rd year whilst journeying abroad on August 14th, 1912. He often attended the meetings of the Society, which on several occasions was much indebted to him for financial assistance.

It was not until 1894 that he commenced to write upon conchological subjects, and he was not a prolific author, but fifteen papers from his pen appear in the Society's "Proceedings". The majority of these treat upon the land and freshwater Mollusca occurring in Holocene and Pleistocene deposits in various parts of England and a few foreign localities, but four of them are descriptive of non-marine forms from the Philippine Islands, the Island of Gisser, Sumatra, Java, and New South Wales.

In the *Geological Magazine* (dec. v, vol. ix, No. xi, pp. 525-8) an obituary notice, accompanied by his portrait, furnishes many interesting details regarding Mr. Bullen's career. He was possessed of a most charming personality, which much endeared him to all the many friends who had the pleasure of his acquaintance.

The following is a complete list of Mr. Bullen's writings treating exclusively, or in part, upon fossil and recent Mollusca:—

1894. "Shells from Portland Rubble Drift."¹
 1898. "Note on Non-marine Mollusca obtained from Holocene and Pleistocene Deposits at Buckland, Dover."²
 1899. "Notes on Land-shells from a Holocene Deposit at the Horse-shoe Pit, Colley Hill, Reigate."²
 "Notes on Mollusca": *Science Gossip*, vol. v.
 1900. "Shells from Portland Rubble Drift."¹
 1901. Harlyn Bay and the Discoveries of its Prehistoric Remains. 3 editions, 1901, 1902, 1912.
 "Pleistocene Mollusca from the Raised Beach Deposits of Perim Island."²
 "Note on a Well-section at Dallinghoo, Suffolk": *Quart. Journ. Geol. Soc.*, vol. lvii.
 "On two apparently new species of *Corbicula*."²
 "Notes on *Helicella Cantiana* as food for the Turdidæ": *Journ. Conch.*, x, 27.
 1902. "Notes on Holocene Mollusca from North Cornwall."²
 1903. "Notes on the Pleistocene Non-marine Mollusca at Portland Bill; and on Holocene Non-marine Mollusca from (1) West Harnham, Wilts; (2) Harlton, Cambridgeshire; (3) The Down above Durdle Barn Door, Dorset; and (4) Folkestone."²
 1904. "Descriptions of new species of Non-marine Shells from Java, and a new species of *Corbicula* from New South Wales."²
 1905. "On a new variety of *Planispira zebra*, Pfr., from the Island of Gisser, and a new species of *Chloritis* from Java."²
 "Notes on Land and Freshwater Shells from the Alhambra Ditch, Granada, Andalusia, Spain; on recent Land Shells from various localities near Carmona, Province of Sevilla; and on Land, Freshwater, and Marine Shells from Holocene Deposits, Carmona."²
 "Notes on Pleistocene and Recent Shells from Crete."²
 1906. "Notes on some Microzoa and Mollusca from East Crete."¹
 "Notes on a Holocene Deposit at Harlton, Cambs."²

¹ *Geological Magazine*.² *Proc. Malac. Soc.*

1906. "On some Land and Freshwater Mollusca from Sumatra."¹
 1907. "Notes on Land and Freshwater Mollusca observed in the neighbourhood of St. Albans": Trans. Herts Nat. Hist. Soc., vol. xiii.
 1908. "Kitchen Middens in North Cornwall."²
 1909. "Holocene and Recent Non-marine Mollusca from the neighbourhood of Perranzabuloe."¹
 1910. "Notes on the Æolian Deposits on the Coast at Étrel, Morbihan."² Parts I and II.
 "Notes on (1) Pleistocene, (2) Holocene, (3) Recent Non-marine Shells from Mallorca; (4) Marine Shells associated with the Holocene Deposits; (5) Marine Shells from Alcudia, Mallorca; (6) Non-marine Shells from Manresa, Cataluña."¹
 1911. "Some Notes on the Geology of the Bermuda Islands."²

E. A. SMITH.

With much regret we also have to record the death, at a good old age, of Dr. James C. Cox, of Sydney, New South Wales, which occurred on September 29th of last year. He became a member of the Society in 1893, and contributed one paper, the last from his pen, to our Society's "Proceedings".

Dr. Cox was a leading member of the medical profession in Sydney, where he had resided for many years. His writings have chiefly been upon the Pulmonata of Australia, and altogether he was the author of thirty-seven different papers, practically restricted to the description of the Australian fauna.

His most important work is the *Monograph of Australian Land Shells*, published at Sydney in 1868, consisting of 111 pages and illustrated with 20 coloured plates. The nomenclature in this book is of course quite out of date, but the distribution of the then known species is recorded, and the illustrations are very useful. Fourteen of his papers are descriptive of marine forms, especially the genera *Cypræa* and *Voluta*, but he also wrote upon the Oysters and Octopodidæ of Australia, and other genera of which he described new species are *Haliotis*, *Recluzia*, *Chiton*, and *Cytherea*.

The principal journals in which his writings occur are the Proceedings of the Zoological Society of London for 1864, 1865, 1866, 1867, 1869, 1870, 1871, 1872, 1873; the *Annals and Magazine of Natural History*, 1864; Proceedings of the Linnean Society of New South Wales, 1880, 1882, 1883, 1888, 1889, 1890, 1894, 1895, 1899. Two papers were published in the *Journal de Conchyliologie*, 1866 and 1871.

He possessed a very extensive collection of shells chiefly from the Australian continent and the Pacific islands. This was sold in London in 1903-5, and the British Museum was fortunate in obtaining many of the types of the species described by him. Among the rarities comprised in the collection were *Cypræa Valentia*, *Thatcheri*, and *venusta*, *Voluta Wisemani*, *Bednalli*, *Brazieri*, *Tissotiana*, *canaliculata*, and *coniformis*, *Mitra Rossicæ*, and *Conus gloria-maris*. These valuable shells are now distributed in the J. J. MacAndrew, Dautzenberg, Melvill, Prince Salm Salm, and British Museum collections

E. A. SMITH.

¹ Proc. Malac. Soc.

² *Geological Magazine*.